



2822 #

Attorney's Docket No.: 07977-300001 / US5505

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Seo, et al.
Serial No. : 10/072,507
Filed : February 5, 2002
Title : LIGHT EMITTING DEVICE

Art Unit : 2822
Examiner : Keisha Rose

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER AND PETITION FOR AUTOMATIC EXTENSION

Correspondence relating to this application is enclosed. The required fees are computed below. Please apply any charges not covered, or any credits, to Deposit Account No. 06-1050.

Total Claims	70	-	49	=	21	\$378
Independent	9	-	7	=	2	\$172
First Presentation of Multiple Dependent Claims						\$0

Applicant hereby petitions under 37 C.F.R. §1.136 for a 2 month extension of time.

\$420

TOTAL FEE DUE


\$970

A check for \$970 is attached.

Respectfully submitted,

Date: _____

8/2/04


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08/04/2004 NKCHA1 00000011 10072507

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Applicant : Seo, et al.
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Page : 15 of 15

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Enclosed is a check in the amount of \$1,150 (\$550 for excess claim fees, \$420 for the Two-Month Extension of Time fee, and \$180 in payment of the late submission fee of §1.17(p)). Please apply any additional charges or credit any overpayments to deposit account 06-1050.

Respectfully submitted,

Date: August 2, 2004

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INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 8/2/04



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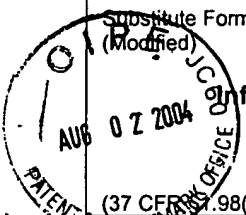
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04 FC:1806

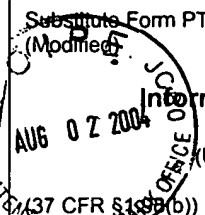
180.00 0P

 Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07977-300001	Application No. 10/072,507
	Applicant Seo, et al.		
	Filing Date February 5, 2002	Group Art Unit 2822	

U.S. Patent Documents

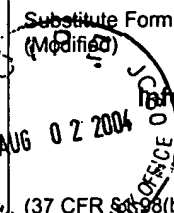
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2001-0051207	12/2001	Yamagata et al.			
	AB	2002-0018912	02/2002	Jung et al.			
	AC	2002-0038867	04/2002	Kobori et al.			
	AD	2002-0074935	06/2002	Kwong et al.			
	AE	2002-0081767	06/2002	Kawashima			
	AF	2002-0086180	07/04/2002	Seo et al.			
	AG	2002-0093283	07/18/2002	Seo et al.			
	AH	2002-0101154	08/2002	Seo et al.			
	AI	2002-0105005	08/2002	Seo et al.			
	AJ	2002-0109136	08/15/2002	Seo et al.			
	AK	2002-0113546	08/2002	Seo et al.			
	AL	2002-0121860	09/2002	Seo et al.			
	AM	2002-0139303	10/2002	Yamazaki et al.			
	AN	2002-0155632	10/2002	Yamazaki et al.			
	AO	2003-0010288	01/2003	Yamazaki et al.			
	AP	2003-0118950	06/2003	Chao et al.			
	AQ	2003-0134145	07/2003	Toguchi et al.			
	AR	3,654,525	04/1972	Maricle et al.			
	AS	5,017,863	05/1991	Mellitz			
	AT	5,039,657	08/1991	Goldman, et al.			
	AU	5,170,990	12/1992	Kamiya et al.			
	AV	5,256,945	10/1993	Imai et al.			
	AW	5,281,489	01/25/94	Mori et al.			
	AX	5,486,406	01/1996	Song Shi			
	AY	5,513,499	05/1996	DeRijkke			
	AZ	5,817,431	10/1998	Shi et al.			
	BA	5,858,563	01/1999	Sano et al.			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  (37 CFR §101.1(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07977-300001	Application No. 10/072,507
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Seo, et al.		Filing Date February 5, 2002	Group Art Unit 2822

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	5,925,472	07/1999	Hu et al.			
	BC	5,955,836	09/1999	Boerner et al.			
	BD	5,989,737	11/1999	Xie et al.			
	BE	6,030,715	02/2000	Thompson et al.			
	BF	6,097,147	08/2000	Baldo et al.			
	BG	6,121,727	09/2000	Kanai et al.			
	BH	6,132,280	10/2000	Tanaba et al.			
	BI	6,215,462	04/2001	Yamada et al.			
	BJ	6,228,228	05/2001	Singh et al.			
	BK	6,237,529	05/2001	Spahn			
	BL	6,275,649	08/2001	Nagashima et al.			
	BM	6,284,050	09/2001	Shi et al.			
	BN	6,310,360	10/2001	Forrest et al.			
	BO	6,326,091	12/2001	Schoo et al.			
	BP	6,368,730	04/2002	Kishimoto et al.			
	BQ	6,372,154	04/2002	Li, Xiao-Chang Charles			
	BR	6,392,250	05/2002	Aziz et al.			
	BS	6,392,339	05/2002	Aziz et al.			
	BT	6,396,209	05/2000	Kido et al.			
	BU	6,413,656	07/2002	Thompson et al.			
	BV	6,432,255	08/2002	Sun et al.			
	BW	6,458,475	10/2002	Adachi et al.			
	BX	6,468,676	10/2002	Ueda et al.			
	BY	6,495,198	12/2002	Peng			
	BZ	6,517,996	02/2003	Chao et al.			
	CA	6,528,824	03/2003	Yamagata et al.			
	CB	6,541,909	04/2003	Motomatsu			

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)  (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07977-300001	Application No. 10/072,507
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Seo, et al.		Filing Date February 5, 2002	Group Art Unit 2822

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	CC	6,566,807	05/2003	Fujita et al.			
	CD	6,603,140	08/2003	Kobori et al.			
	CE	6,614,175	09/2003	Aziz et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	CF	CH - 366598	08/1999	CHINA			Abstract	
	CG	EP 1 011 155 A2	06/2000	EUROPE			English	
	CA	EP 1 220 340	07/2002	EUROPE			English	
	CB	JP 2000-208262	07/2000	JAPAN			Full	
	CC	JP04-357694	10/1992	JAPAN			Abstract	
	CD	TW 243470	03/1995	TAIWAN			Abstract	
	CE	TW 451601	08/2001	TAIWAN			Abstract	
	CF	WO 02/47457	06/2002	WIPO			English	

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	CH	Invitation to Respond to Written Opinion w/International Search Report, 6 pages, 10 June 2004.
	CI	
	CJ	
	CK	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	